

Dear Customer

Thank you for purchasing this product.
For optimum performance and safety, please read these operating instructions carefully.

Before connecting, operating or adjusting this product, please read these instructions completely. Please save this manual.

Panasonic

Stereo Cassette Player

RQ-SX40

Operating Instructions

Supplied Accessories

- ① Stereo earphones RFEV318P-KS
- ② Remote controller RFEV005P-KS
- ③ Charger RP-BC15BAPY
- ④ Dry cell battery case RFA0617-H
- ⑤ Carrying bag RFG0044-K
- ⑥ Rechargeable battery RP-BP61PY
- Rechargeable battery carrying case RFA0475-Q



To order accessories call MSC Accessory Dept. 1-800-332-5363.

User memo:

DATE OF PURCHASE _____
DEALER NAME _____
DEALER ADDRESS _____
TELEPHONE NUMBER _____

The serial number of this product can be found on the label affixed to the back of the cassette compartment cover. Please note them in the space provided below and keep as a permanent record of your purchase to aid identification in the event of theft.

MODEL NUMBER _____ RQ-SX40
SERIAL NUMBER _____

Matsushita Consumer Electronics
Company, Division of Matsushita
Electric Corporation of America
One Panasonic Way Secaucus,
New Jersey 07094

Panasonic Sales Company,
Division of Matsushita Electric of
Puerto Rico, Inc. ("PSC")
Ave. 65 de Infantería, Km. 9.5
San Gabriel Industrial Park, Carolina,
Puerto Rico 00985

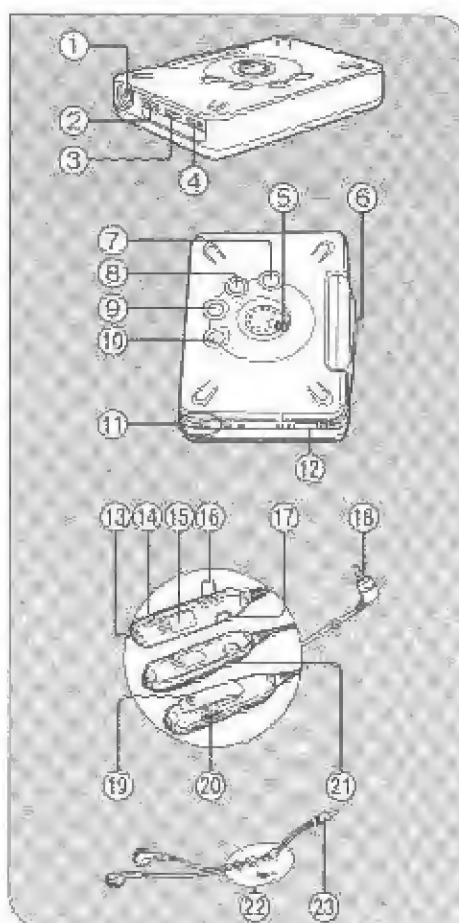
P RQT3658-P
F0496X0 (D)

Specifications

- Track system:** 4 track, 2 channel, stereo
- Frequency range**
(Normal/High/Metal): 40-18,000 Hz (~8 dB)
- Output jack:** PHONES
- Power requirement:**
Rechargeable battery: DC 1.2 V (included rechargeable battery)
Battery: DC 1.5 V (one AA size (R6/LR6) battery)
- Dimensions (W×H×D):** 110.0×76.8×21.8 mm (4 3/8"×3"×7/16")
- Weight:** 189 g (6.7 oz) (with rechargeable battery)
- Charger**
Input: AC 120 V, 50/60 Hz
Output: DC 340 mA, 1.2 V

Note:
Specifications are subject to change without notice.
Weight and dimensions are approximate.

Location of Controls



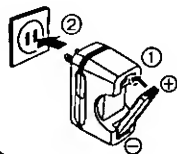
- ① Earphones jack (1)
- ② Dolby noise reduction switch (DO NR)
- ③ Volume control (VOL)
- ④ Blank skip, reverse mode selector (B.S ON/OFF)
- ⑤ Hold switch for main unit (HOLD)
- ⑥ Cassette holder open knob (OPEN)
- ⑦ Play, tape direction button (▶)
- ⑧ Stop button (■)
- ⑨ Fast forward button (FF)
- ⑩ Rewind button (REW)
- ⑪ Connection terminal for battery case
- ⑫ Rechargeable battery compartment cover
- ⑬ Earphones jack
- ⑭ One-repeat/tone control button (= 1-RPT/EQ)
- ⑮ Display
- ⑯ Rewind, fast forward buttons (REW/FF)
- ⑰ Main (play, change direction, stop) button
- ⑱ Plug
- ⑲ Volume control (VOL)
- ⑳ Hold switch for remote controller (HOLD)
- ㉑ Slider
When not in use, slide up the slider to prevent entanglement of the cord.
- ㉒ Plug

Power Sources

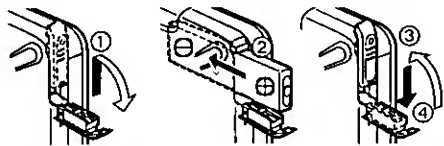
Rechargeable battery

For its initial use after purchasing or after a long time interval (more than three months), be sure to recharge the rechargeable battery. Normally 2 hours recharging will give approximately 10 hours tape playback (at 25°C).

1 Recharge the rechargeable battery.

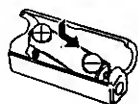


2 Insert the charged battery into the unit.

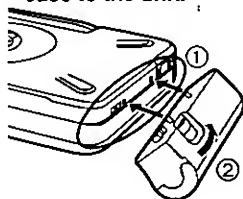


Dry cell battery

1 Insert one AA battery (R6/LR6 or equivalent, not included) into the battery case.



2 Attach the battery case to the unit.

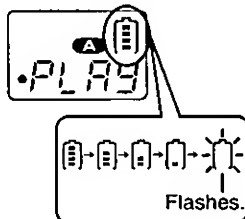


To extend the playback time

Install both types of battery (rechargeable and dry cell batteries) in the unit.

Battery condition indicator

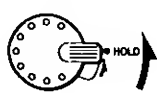
While the unit is operating, the remaining battery charge is indicated on the display panel of the remote controller.



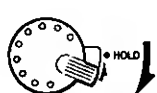
Since flashing of the indication tells the weak of the battery, recharge the rechargeable battery or replace the battery with new one.

Accidental Operation Prevention Function (HOLD mode)

To hold



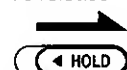
To release



To hold



To release



This function prevents the unit from operating even if one of the buttons is pressed in error.

Use this function to prevent the following situations:

- While not in use, the play inadvertently starts and the battery runs down.
- Play is interrupted while the unit is in use.

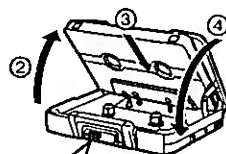
To use the hold function

Set HOLD to the hold position (hold state).

- When the remote controller is in the hold state, the display shows "HOLD".
- Both the main unit and remote controller have a HOLD switch, and each of them works individually.

Tape Playback

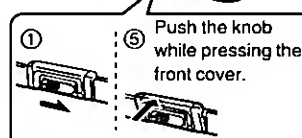
1 Insert a cassette tape.



■ Type of tape which can be played on this unit:

Normal position/TYPE I	<input type="radio"/>
High position/TYPE II	<input type="radio"/>
Metal position/TYPE IV	<input type="radio"/>

The type of tape is automatically detected.



Closing the cover, playback will be expected to start from the side A.

2

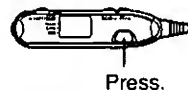


Unless the earphones and remote controller are firmly inserted into the jack, the sound may become intermittent, or operation using the remote controller may become impossible.

3 Release the hold state.



4 Press ◀ ▶
(Playback is started.)



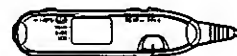
5 Adjust the volume.



Volume control

Be sure to adjust the volume control on the main unit to "5-7" position.

To stop playback:
Press ■.



Press.
(Bee...p)

Illuminated remote controller

Pressing any button on the remote controller or the unit lights the display for approximately 5 seconds, enabling easy use even in dark areas.

The operation and confirmation tones

(Only using the remote controller)

The operation tone sounds following situations.

- "Beep" sounds whenever the remote control button is pressed.
- The beep tone, which is emitted when the button is pressed once in the stop mode, indicates that a cassette is not inserted.

The confirmation tone sounds after the operation tone.

- Parentheses in the illustration represent confirmation tones.

Automatic side A/B detection function

This unit has a function that detects which side is being played, using the cutout screw hole on side A of the cassette.


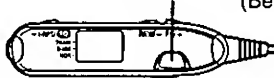


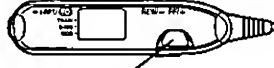



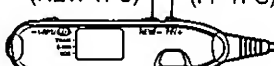

If there is no cutout on the cassette, the cutout is on side B, or depending on other features of certain cassette types, the side may not be correctly detected.


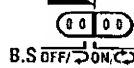
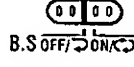





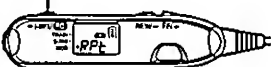
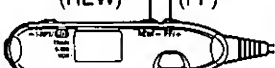



Cutout

Convenient Function

Preparation: Release the hold state.

	Main unit	Remote controller
To change the tape direction	During playback Press. 	During playback Press and hold. (Beep) 
To fast forward or rewind	In the stop mode Press. Press.   To start playback Press ◀▶.	In the stop mode REW Press. FF (Beep Beep) (Beep Beep)   To start playback Press main button.
To find the beginning of a song [TPS ¹⁾]	During playback Press up to 9 times.  (REW TPS)  (FF TPS)	During playback Press up to 9 times. (REW TPS) (FF TPS)  

	Only main unit	
To listen the tape recorded with Dolby NR (type B) ²⁾		
To change the play mode	Both sides of the cassette are played continuously. The forward and reverse sides of the cassette are played once and the playback stops.  	
To fast forward a silent part to the opposite side [BLANK-SKIP ³⁾]	Blank-skip function 	To cancel 

	Only remote controller	
To repeat a current song [ONE-REPEAT]	During play Press and hold. (Bee...p) 	To cancel Press and hold. (Beep)  ONE-REPEAT is also cancelled when tape operations are switched.
To search a song on the cassette [INTRO-SCAN ⁴⁾]	In the stop mode Press and hold. (Bee...p) (REW) (FF)  	To resume a normal playback Press. 
To change the tone [EQ effect ⁵⁾]	During playback Press.  Each time you press 1-RPT/EQ during playback, EQ effect will change as follows in turn. NOR → S-XBS → TRAIN (Beep) (Beep Beep) (Beep Beep Beep)	

■ TPS: Tape Program Sensor¹⁾

You can skip as many songs as the number of times (up to 9) the button is pressed.

To change the number of times to skip songs:
Press FF or REW during TPS.

To stop TPS:

Press ◀▶ or main button.
(Normal playback is started.)


■ 25X high-speed search

The unit employs a power-saving high-speed motor to increase the fast forwarding and rewinding speed to approximately 25 times that of normal playback. This feature is really useful when using the TPS or intro-scan function.

•The tape may not travel at the high speed if either of these operations is performed in the middle of the tape or close to its end.

■ Dolby noise reduction system²⁾

Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.

"DOLBY" and the double-D symbol  are trademarks of Dolby Laboratories Licensing Corporation.

■ BLANK-SKIP (B.S)³⁾

When a silent part of more than 13 seconds is detected during playback, fast-forwarding automatically starts and then playback of the opposite side of the cassette starts from the beginning.

Notes

- When playback is started at the point close to the end of the last song, it may not work properly.
- When small sound continues for more than 13 seconds, the unit may start fast-forwarding. When you listen to a classical music, set the selector to the OFF/◀▶ position to release the Blank-skip function.

■ INTRO-SCAN⁴⁾

Allows you to listen to the beginning portion (intro) of the songs for about 10 seconds each, in order.

Notes

Since making use of the silent part between songs, the TPS, ONE-REPEAT and the Intro-scan function may fail to function properly in the following situations:

- When the silent part between songs is less than 4 seconds or has noise.
- When the next silent part is less than 10 seconds away.
- When there is a long silent part or particularly low or small sound in the song.

During TPS or Intro-scan, the unit automatically reverses when the end of the cassette tape is reached and operation continues. However, if the end of a cassette tape is detected three times, the tape automatically stops.

■ EQ effect⁵⁾

NOR:

The EQ effect is cancelled.

S-XBS:

Boosts the low frequency range.

•If the sound distortion occurs, turn down the volume.

TRAIN:

Gives a more natural quality to the sound and reduces strain and fatigue when you listen for a long time. It also cuts down the audible level of sound which disturbs people around you.

Cautions

- To avoid product damage, do not expose this product to rain, water or other liquids.
- Avoid using or placing this unit near sources of heat. Do not leave it in an automobile exposed to direct sunlight for a long period of time with the doors and windows closed, as this may deform the cabinet.

Rechargeable battery and charger

- Use only the included charger when recharging.
- During recharging, it is normal for the charger and the rechargeable battery to get slightly warm.
- Do not leave the charger turned on for more than 12 hours at one time, otherwise, the rechargeable battery life may be shortened.
- Avoid recharging or placing the rechargeable battery near sources of heat or humidity.
- The included rechargeable battery can be recharged about 300 times. After that, its operation time becomes shortened, which will be the time to replace it.
- Do not peel of the plastic covering on the batteries. Short-circuiting may result which is dangerous.

Dry cell battery and rechargeable battery

- Load new battery with their polarities (+ and -) aligned correctly.
- Do not apply heat to batteries, or internal short-circuit may occur.
- If this unit is not to be used for a long period of time, remove the batteries and store them in a cool and dry place.
- Remove spent batteries immediately.

Carrying batteries around

When putting dry batteries and rechargeable battery in a pocket or bag, ensure that no other metal objects such as a necklace be packed together with them. Contact with metal may cause short-circuiting which, in turn, may

cause a fire. The same caution needs to be heeded with the battery case containing a dry battery. When carrying the rechargeable battery around, be absolutely sure to place it inside the included rechargeable battery carrying case.

Listening caution



Do not play your headphones or earphones at a high volume. Hearing experts advise against continuous extended play.

If you experience a ringing in your ears, reduce volume or discontinue use.

Do not use while operating a motorized vehicle. It may create a traffic hazard and is illegal in many areas.

You should use extreme caution or temporarily discontinue use in potentially hazardous situations.

Even if your headphones or earphones is an open-air type designed to let you hear outside sounds, don't turn up the volume so high that you can't hear what's around you.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- Set the dial and leave it there.

Product Service

Do not attempt to remove the cover(s) or repair the unit yourself. Refer servicing to qualified personnel only.

Product information

For product service, product information or assistance with product operation, refer to the servicer directory.

(In U.S.A. consult MSC Authorized Servicenters for detailed instructions or call 1-800-545-2672 for the address of an authorized factory servicer.)

**POWERED BY NICKEL-CADMIUM BATTERY.
MUST BE RECYCLED OR DISPOSED OF PROPERLY.**

ATTENTION:

The product that you have purchased is powered by a rechargeable battery. The battery is recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream.

Check with your local solid waste officials for details in your area for recycling options or proper disposal.



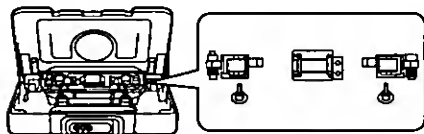
Maintenance

Head care

To ensure good sound quality for tape operation, be sure to clean the head after approximately every 10 hours of use.

Clean the portions which contact the tape (the shaded portions in the figure below) with a cotton swab dampened with a little alcohol.

Do not bring metal articles or magnetic material, such as a screwdriver, near the head assembly.



CAUTION:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Main unit

Clean it with a cloth, dampened in a mild solution of soap and water.

Do not clean the cabinet with benzine or thinner.

Avoid excessive moisture.

Avoid spray aerosol type cleaner. Some cleaners contain corrosive chemicals that may cause internal damage and cabinet deformation.

Head demagnetization

In order to maintain good sound quality, it is recommended that the head assembly be demagnetized when distortion or poor sound quality persists after cleaning the head. If the head as-

sembly becomes magnetized, it could create loss of high end frequency response.

Several types of head demagnetizers are available and may be purchased separately at local electronics supply stores. Follow the instructions that are supplied with the device.

Do not bring any type of metal objects or tools, such as magnetic screwdrivers, in contact with the head assembly.

Earphones and remote controller plug

If sound is punctuated by breaks or noise is heard when earphones and remote controller plug is rotated, wipe away dirt on plug.

CAUTION:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment

off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.